

UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1857.2060000
First Inventor	Peter Kochersperger
Title	Methods and Systems for Total Focus Deviation Adjustments on Maskless Lithography Systems
Express Mail Label No.	

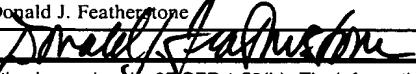
22278 U.S. P. 100303
107677242**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>20</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>11</u>]	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration [Total Pages <u>2</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	11. <input type="checkbox"/> English Translation Document (if applicable)
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
	13. <input type="checkbox"/> Preliminary Amendment
	14. <input checked="" type="checkbox"/> Return Receipt Postcards (MPEP 503) (Should be specifically itemized)
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: <u>Authorization under 37 C.F.R. § 1.136(a)(3)</u>
	<input checked="" type="checkbox"/> Other: <u>The name of the assignee is: ASML Holding N.V.</u>

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS** Customer Number **26111**or Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law		
ADDRESS			
CITY	STATE		ZIP CODE
COUNTRY	TELEPHONE		FAX

NAME (Print/Type)	Donald J. Featherstone	Registration No. (Attorney/Agent)	33,876
SIGNATURE		Date	October 3, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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U.S.P.T.O.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$1,040.00)**Complete if Known**

Application Number	t be assign d
Filing Date	October 3, 2003
First Named Inventor	P t r Kochersp rg r
Examiner Name	t be assign d
Art Unit	t b assign d
Attorney Docket No.	1857.2060000

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other** None
** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

Deposit Account
Deposit Account Number 19-0036

Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any over payments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1502	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$40.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$40.00)

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Donald J. Featherstone	Registration No. (Attorney/Agent)	33,876	Telephone	202-371-2600
Signature				Date	October 3, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SKGF_DC1:183873.1



ATTORNEYS AT LAW

Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gen G. Durkin
Michele A. Cimbalu
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millonig
Lawrence B. Bugaisky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Heidi L. Kraus
Edward W. Yee
Albert L. Ferro*
Donald R. Banowitz
Peter A. Jackman
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston*
Kimberly N. Reddick

Theodore A. Wood
Elizabeth J. Haanes
Bruce E. Chalker
Joseph S. Ostroff
Frank R. Cunningham
Christine M. Lhulier
Rae Lynn Prengaman
Jane Shereshenovich*
Lawrence J. Carroll*
George S. Bardmessner
Daniel A. Klein*
Rodney G. Maze
Jason D. Eisenberg
Michael D. Specht
Andrea J. Karmage
Tracy L. Muller*
Jon E. Wright*
LuAnne M. Yuricek*

John J. Figueira
Ann E. Summerfield
Registered Patent Agents
Karen R. Markowicz
Nancy J. Leith
Helene C. Carlson
Gaby L. Longsworth
Matthew J. Dowd
Aaron L. Schwartz
Mary B. Tung
Katrina Y. Pei
Bryan L. Skelton
Robert A. Schwartzman
Timothy A. Doyle
Jennifer R. Mahalingappa
Teresa A. Colella

Jeffrey S. Lundgren
Victoria S. Rutherford
Eric D. Hayes
Of Counsel
Kenneth C. Bass III
Evan R. Smith

*Admitted only in Maryland
*Admitted only in Virginia
•Practice Limited to
Federal Agencies

October 3, 2003

WRITER'S DIRECT NUMBER:
(202) 772-8629

INTERNET ADDRESS:
DONF@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop: Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. *to be assigned*; Filed: October 3, 2003
For: **Methods and Systems for Total Focus Deviation Adjustments on
Maskless Lithography Systems**

Inventor: Peter Kochersperger
Our Ref: 1857.2060000

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

**Methods and Systems for Total Focus Deviation Adjustments on Maskless
Lithography Systems**

and naming as inventor:

Peter Kochersperger

the application consisting of:

Commissioner for Patents
October 3, 2003
Page 2

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. An original executed Declaration;
- c. A specification containing:
 - i. 15 pages of description prior to the claims;
 - ii. 4 pages of claims (28 claims - 4 independent claims);
 - iii. a one (1) page abstract; and
- d. 11 sheets of drawings: (Figures 1-8, 9A-B, 10A-B, and 11A-B);

4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
5. Recordation Form Cover Sheet;
6. An original executed Assignment to ASML Holding N.V., recordation of which is hereby respectfully requested;
7. Form PTO-2038 Credit Card Payment Form for \$1,040.00 to cover:
 \$ 770.00 Filing fee for patent application;
 \$ 40.00 Assignment recordation fee(s); and
 \$ 230.00 Fee for excess claims; and
8. Two (2) return postcards..

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Donald J. Featherstone
Attorney for Applicant
Registration No. 33,876

DJF:MKH:jmh
::ODMA\MHODMA\SKGF_DC1;184873;1
SKGF Rev. 2/12/02 dcw; 9/5/02 mac; 4/29/03 svb



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter Kochersperger

Appl. No. *To be assigned*

Filed: October 3, 2003

For: **Methods and Systems for Total
Focus Deviation Adjustments on
Maskless Lithography Systems**

Confirmation No. *to be assigned*

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 1857.2060000

**Authorization To Treat A Reply As Incorporating An Extension Of
Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Donald J. Featherstone
Attorney for Applicant
Registration No. 33,876

Date: 10/13/03

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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SKGF 1/25/02 mac; 4/18/03 svb